

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) Mobile electronic device, having comprising:
a radio receiver ~~(28)~~,
an amplifier ~~(24)~~ and
an audio connector ~~(20)~~—for connecting to a ~~headphone (2)~~an audio reproduction component,
wherein said audio connector ~~(2)~~ comprises at least one first contact and at least one second contact,
wherein said first contact is connected to ground and to an antenna input of said radio receiver ~~(28)~~, and said second contact is connected to said amplifier ~~(24)~~,
~~characterized by wherein~~ a band-pass filter component ~~(26)~~ is interconnected between said first contact and said radio receiver ~~(28)~~.
2. (Currently Amended) Mobile electronic device according to claim 1, wherein said band-pass filter component ~~(26)~~ comprises a capacitor ~~(42)~~ connected between said first contact and ground.
3. (Currently Amended) Mobile electronic device according to claim 1, wherein said band-pass filter component ~~(26)~~ is an oscillating circuit composed of an inductor ~~(22)~~ and a capacitor ~~(42)~~.
4. (Currently Amended) Mobile electronic device according to claim 3, wherein transmitted frequencies of the band-pass filter component ~~(26)~~ are within a radio frequency range, and suppressed frequencies comprise mobile phone frequencies and audio frequencies.
5. (Currently Amended) Mobile electronic device according to claim 2, wherein said capacitor ~~(42)~~ has a capacity between 10 pF and 100 pF.
6. (Previously Presented) Mobile electronic device according to claim 1, wherein said device comprises a mobile telephone.
7. (Currently Amended) Mobile electronic device according to claim 1, wherein said radio receiver ~~(28)~~ further comprises a television receiver.

8. (Currently Amended) Mobile electronic device according to claim 1, further comprising a media player~~(30)~~.
9. (Currently Amended) Mobile electronic device according to claim 8, wherein said media player~~(30)~~ includes a media recorder.
10. (Previously Presented) Mobile electronic device according to claim 1, wherein said audio connector comprises at least one third contact connected to a component of said electronic device.
11. (Currently Amended) Mobile electronic device according to claim ~~[[6]]~~ 10, wherein said third contact is connected to a mobile phone component of said mobile electronic device, to provide a headset for the mobile phone within said mobile electronic device.
12. (Previously Presented) Mobile electronic device according to claim 10, wherein said third contact is connected to control components of said mobile electronic device, to provide a remote control functionality for the mobile electronic device.
13. (Currently Amended) Mobile electronic device according to claim 1, further comprising a ~~[[DC]]~~ direct current blocking capacitor~~(40)~~ interconnected between said first contact and said radio receiver~~(28)~~.
14. (Currently Amended) Mobile electronic device according to claim 3, wherein said capacitor ~~(42)~~ has a capacity between 10 pF and 100 pF.
15. (Previously Presented) Mobile electronic device according to claim 10, wherein said third contact is connected to a mobile phone component of said mobile electronic device, to provide a headset for the mobile phone within said mobile electronic device.
16. (Previously Presented) Mobile electronic device according to claim 11, wherein said third contact is connected to control components of said mobile electronic device, to provide a remote control functionality for the mobile electronic device.
17. (New) Mobile electronic device, comprising:
means for receiving a radio signal;

means for amplifying; and

means for connecting to an audio reproduction component;

wherein said audio connector comprises at least one means for forming a first contact and at least one means for forming a second contact;

wherein said means for forming a first contact is connected to ground and to an antenna input of said means for receiving a radio signal, and said means for forming a second contact is connected to said means for amplifying, wherein means for transmitting and suppressing frequencies is interconnected between said means for forming a first contact and said means for receiving a radio signal.

18. (New) Mobile electronic device according to claim 17, wherein transmitted frequencies of said means for transmitting and suppressing frequencies are within a radio frequency range, and suppressed frequencies comprise mobile phone frequencies and audio frequencies.